

# Converting Colors

Hex(737C31)

Have a look what the booklet for  
Hex(737C31) contains.

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**Color**

**Hex(737C31)**

# Conversions

## Conversions Part 1

Format	Color
Hex	737C31
RGB	115, 124, 49
RGB Percent	45%, 49%, 19%
CMY	0.5490, 0.5137, 0.8078
CMYK	0.07, 0.00, 0.60, 0.51
HSL	67°, 43%, 34%
HSV	67°, 60%, 49%
XYZ	14.8323, 18.2819, 5.6527
YIQ	112.7590, 18.7110, -25.2330

# Conversions

## Conversions Part 2

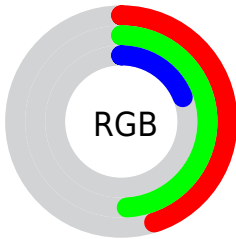
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 124, 58
Decimal	7568433
CIELab	49.84, -14.59, 38.90
CIELCh	50, 41.546, 110.554
Yxy	18.2819, 0.3826, 0.4716
Android (android.graphics.Color)	4285758513 (0xFF737C31)
YUV	112.7590, -31.4332, 1.9654
Hunter-Lab	42.7573, -12.9048, 22.0917

# Details

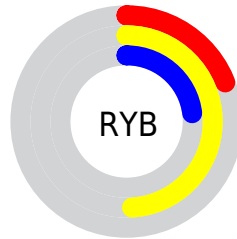
The Hex color **737C31** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3A317C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A9B062**, and **404B00** is the 20% darker color. If you saturate the color by 10%, you get **727C25**, and if you desaturate by 10%, it is **747C3D**.

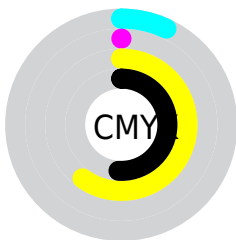
# Distribution



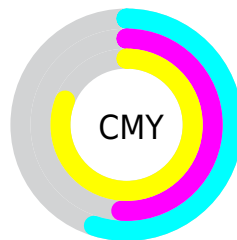
- Red (45%)
- Green (49%)
- Blue (19%)



- Red (19%)
- Yellow (49%)
- Blue (23%)



- Cyan (7%)
- Magenta (0%)
- Yellow (60%)
- Black (51%)



- Cyan (55%)
- Magenta (51%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 737C31 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 737C31 by changing the saturation by 10% instead.



 737C31

 737C31

FFFFFF

 596318

 A9B062

 404B00

 C5CC7C

 293500

 E1E897

 102000

 FEFFB2

 000000

 FFFFCE

 FFFFEA

 737C31

 737C31

 727C25

 747C3D

■ 707C18

■ 767C4A

■ 6F7C0C

■ 777C56

■ 6D7C00

■ 797C63

■ 7A7C6F

■ 7C7C7B

■ 7D7C88

■ 7F7C94

■ 807CA1

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94712F



737C31



498448

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



737C31



0085AC



B25983

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



737C31



3A317C

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9764A4



737C31



007EBC

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



737C31



00888E



6672B9



B85960

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



737C31



1D875E



6672B9



AB5C8F



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



737C31



9DA184



7C3A31



4F5240



D1D1D1



525252



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



737C31



93A12B



4E7C31



3C3D37



6E7D00



DEFC00



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3A317C



392BA1



5F317C



38373D



0F007D



1E00FC



# Previews

## White Background



This preview shows how the Hex color 737C31 looks on a white background.

## Color Contrast Check

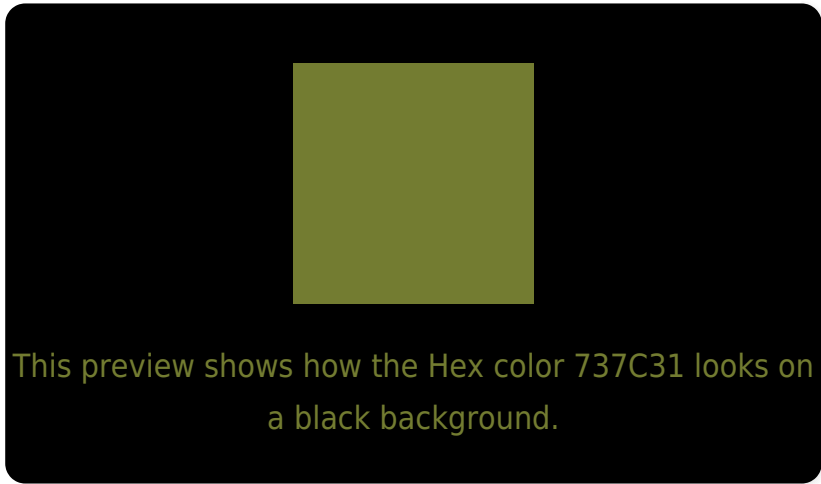
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

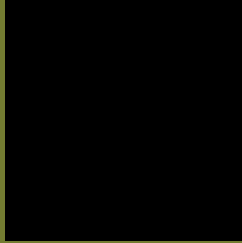
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 737C31 Background



This preview shows how black text looks on a background with the Hex color 737C31.



This preview shows how white text looks on a background with the Hex color 737C31.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
737C31

**Protanopia**  
84772F

**Deuteranopia**  
937134



**Tritanopia**  
7B747D

# Trichromacy



**Original Color**  
737C31

**Protanomaly**  
7E7930

**Deuteranomaly**  
877533

**Tritanomaly**  
787761

# Monochromacy



**Original Color**  
737C31

**Achromatopsia**  
717171

**Achromatomaly**  
72755A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 737C31 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #737C31 looks like.

```
.text, #text, p{  
    color:#737C31  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #737C31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #737C31
}
```

## Border

The CSS property to change the border of an element to Hex 737C31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#737C31 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#737C31 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #737C31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #737C31; -webkit-box-shadow:4px 4px  
4px 4px #737C31; box-shadow:4px 4px 4px  
4px #737C31 }
```

# Background

The CSS property to change the background color of an element to Hex 737C31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#737C31 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#737C31 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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